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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/870,581	05/30/2001	Koki Uchiyama	CA1073	9236
23493	7590	03/25/2008		
SUGHRUE MION, PLLC 2100 Pennsylvania Avenue, N.W. Washington, DC 20037			EXAMINER LE, MIRANDA	
			ART UNIT	PAPER NUMBER
			2167	
			NOTIFICATION DATE	DELIVERY MODE
			03/25/2008	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Office Action Summary	Application No. 09/870,581	Applicant(s) UCHIYAMA, KOKI	
	Examiner Miranda Le	Art Unit 2167	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 August 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2 and 7-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2 and 7-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>10/05/07</u> | 6) <input type="checkbox"/> Other: _____ |

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DETAILED ACTION

1. This communication is responsive to Amendment, filed 08/07/2007.

Claims 1-28, 7-22 are pending in this application. This action is made Final.

Information Disclosure Statement

2. Applicants' Information Disclosure Statement, filed 10/05/2007, has been received, entered into the record, and considered. See attached form PTO-1449.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless:

(e) the invention was described in

(1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or

(2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1, 2, 7-18, 21-22 are rejected under 35 U.S.C. 102(e) as being anticipated by Ryan et al. (US Patent No. 6,421,675).

Ryan anticipated independent claims 1, 2, 21, 22 by the following:

As per claim 1, Ryan teaches a method of accumulating and retrieving information related to one or more information sources in a search space, said method comprising:

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providing central program code at a central computer (*i.e. an internet search engine database, col. 2, lines 25-36*);

said central program code being adapted for maintaining a central database of data records (*i.e. an internet search engine database, col. 2, lines 25-36*), for accessing the information related to said information sources stored in said central database (*i.e. updating, col. 2, lines 25-36*), and for comparing (*i.e. By updating the database with the selections of many different users, the database can be updated to prioritize those web listings that have been selected the most with respect to a given keyword, and hereby presenting first the most popular web page listings in a subsequent search using the same keyword search entry, col. 2, lines 25-36*) said data records with said information related to said information sources (*i.e. a method of updating an internet search engine database with the results of a user's selection of specific web page lists from the general web page listing provided to the user as a result of his initial keyword search entry, col. 2, lines 25-36*);

recognizing communication between said central program code and remote program code at least one remote terminal (*i.e. The cumulative surfer trace is used to identify the search patterns of individual user based of sorting by User ID 126. This information is used to update the personal link table 174 in the same way that the cumulative surfer trace 170 is used to update Table 3 (keyword URL link table 172). This table stores users past preferences as a form of automatic book marking, col. 20, lines 1-8*);

said remote program code being adapted for monitoring user activity of at least one user accessing any information source in the search space irrespective of whether a uniform resource locator (URL) accessed in the search space is the same as the URL of said central program code

(i.e. FIG. 6 illustrates the process for determining a list of popular web pages associated with the entry of a keyword 270 in step 272. If this search is selected and a keyword is entered, step 274 follows and produces a list of web pages based on the values of X taken from Table 3 (172, FIG. 5) for the keyword 270 entered. These web pages are identified by a unique web-page (URL) number from Table 3. Thereafter, in step 276 the list of web-page numbers found from step 274 is combined with the URL address and web-page description from Table 2 (188 FIG. 5). In step 278 the resulting list of web pages is then tagged, depending on the results of step 246 in FIG. 5 as described previously, and sent to the user for them to make their selections, col. 21, lines 14-27), for collecting monitored data related to said user activity, and for transmitting said monitored data to said central program code;

supplementing, at said central computer, said data records in accordance with said monitored data to provide an augmented central database (i.e. FIG. 7 illustrates the process for determining a list of new web pages associated with the keyword entered in step 290, col. 21, lines 28-41);

responsive to a request for information from said at least one user, identifying candidate response information related to said information sources at said central computer (i.e. FIG. 6 illustrates the process for determining a list of popular web pages associated with the entry of a keyword 270 in step 272 col. 21, lines 14-27);

comparing contents of said augmented central database with said request and with said candidate response information at said central computer (i.e. The high-flyer list is calculated by comparing the old popular ranking (Y) and the new popular ranking (X) from Table 3. From this the percentage increase in hits is calculated. An alternative method would be to rank the rate of

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change of popularity by the number of places they rose compared to last time, col. 21, lines 65 to col. 22, line 3); and

as a result of said identifying and said comparing, transmitting, to said remote program code at said at least one remote terminal, data concerning one or more of said information sources which contain information relevant to said request so as to progressively tailor information retrieval results for said at least one user and provide said information retrieval results to said at least one user (*i.e. FIG. 6 illustrates the process for determining a list of popular web pages associated with the entry of a keyword 270 in step 272. If this search is selected and a keyword is entered, step 274 follows and produces a list of web pages based on the values of X taken from Table 3 (172, FIG. 5) for the keyword 270 entered. These web pages are identified by a unique web-page(URL) number from Table 3. Thereafter, in step 276 the list of web-page numbers found from step 274 is combined with the URL address and web-page description from Table 2 (188 FIG. 5). In step 278 the resulting list of web pages is then tagged, depending on the results of step 246 in FIG. 5 as described previously, and sent to the user for them to make their selections, col. 21, lines 14-27).*

As per claim 2, Ryan teaches an information retrieval system for accumulation and retrieval of data related to one or more information sources in a search space, said system comprising:

remote program code at least one remote terminal (*i.e. many different users, col. 2, lines 49-56*);

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said remote program code being adapted for monitoring user activity of at least one user accessing any information source in the search space irrespective of whether a uniform resource locator (URL) accessed in the search space is the same as the URL of said central program code (*i.e.* FIG. 6 illustrates the process for determining a list of popular web pages associated with the entry of a keyword 270 in step 272. If this search is selected and a keyword is entered, step 274 follows and produces a list of web pages based on the values of *X* taken from Table 3 (172, FIG. 5) for the keyword 270 entered. These web pages are identified by a unique web-page(URL) number from Table 3. Thereafter, in step 276 the list of web-page numbers found from step 274 is combined with the URL address and web-page description from Table 2 (188 FIG. 5). In step 278 the resulting list of web pages is then tagged, depending on the results of step 246 in FIG. 5 as described previously, and sent to the user for them to make their selections, *col. 21, lines 14-27*), for collecting monitored data related to said user activity and to each of said information sources accessed by said at least one user, and for transmitting said monitored data (*i.e.* By updating the database with the selections of many different users, the database can be updated to prioritize those web listings that have been selected the most with respect to a given keyword, and hereby presenting first the most popular web page listings in a subsequent search using the same keyword search entry, *col. 2, lines 25-36*); and

a central computer having central program code (*i.e.* an internet search engine database, *col. 2, lines 25-36*) receiving said monitored data transmitted from said remote program code (*i.e.* a method of determining content to provide along with listings transmitted from a server computer to user sites is provided, *col. 2, lines 37-48*);

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said central program code being adapted for maintaining a central database of data records, for accessing information related to said information sources (*i.e. updating, col. 2, lines 25-36*), and for comparing said data records with said information related to said information sources (*i.e. By updating the database with the selections of many different users, the database can be updated to prioritize those web listings that have been selected the most with respect to a given keyword, and hereby presenting first the most popular web page listings in a subsequent search using the same keyword search entry, col. 2, lines 25-36*);

wherein said central program code supplements said data records in accordance with said monitored data to provide an augmented central database (*i.e. FIG. 7 illustrates the process for determining a list of new web pages associated with the keyword entered in step 290, col. 21, lines 28-41*);

said central computer identifying candidate response information related to said information sources in response to a request for information from said at least one user (*i.e. produces a list of web pages based on the values of X taken from Table 3 (172, FIG. 5) for the keyword 270 entered, col. 21, lines 14-27*), comparing contents of said augmented central database with said request and with said candidate response information, and transmitting, to said remote program code at said at least one remote terminal, data concerning one or more of said information sources which contain information relevant to said request so as to progressively tailor information retrieval results for said at least one user and provide said information retrieval results to said at least one user (*i.e. FIG. 6 illustrates the process for determining a list of popular web pages associated with the entry of a keyword 270 in step 272. If this search is selected and a keyword is entered, step 274 follows and produces a list of web*

pages based on the values of X taken from Table 3 (172, FIG. 5) for the keyword 270 entered. These web pages are identified by a unique web-page (URL) number from Table 3. Thereafter, in step 276 the list of web-page numbers found from step 274 is combined with the URL address and web-page description from Table 2 (188 FIG. 5). In step 278 the resulting list of web pages is then tagged, depending on the results of step 246 in FIG. 5 as described previously, and sent to the user for them to make their selections, col. 21, lines 14-27).

As per claim 21, Ryan teaches a method of accumulating and retrieving information related to one or more information sources in a search space, said method comprising:

providing central program code at a central computer (i.e. an internet search engine database, col. 2, lines 25-36);

said central program code being adapted for maintaining a central database of data records, for accessing the information related to said information sources, and for comparing said data records with said information related to said information sources (i.e. By updating the database with the selections of many different users, the database can be updated to prioritize those web listings that have been selected the most with respect to a given keyword, and hereby presenting first the most popular web page listings in a subsequent search using the same keyword search entry, col. 2, lines 25-36);

recognizing communication between said central program code and remote program code at each of a plurality of remote terminals (i.e. The cumulative surfer trace is used to identify the search patterns of individual user based of sorting by User ID 126. This information is used to update the personal link table 174 in the same way that the cumulative surfer trace 170 is used to

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update Table 3 (keyword URL link table 172). This table stores users past preferences as a form of automatic book marking, col. 20, lines 1-8);

said remote program code being adapted for monitoring user activity of each of a plurality of users accessing any information source in the search space irrespective of whether a uniform resource locator (URL) accessed in the search space is the same as the URL of said central program code (*i.e. FIG. 6 illustrates the process for determining a list of popular web pages associated with the entry of a keyword 270 in step 272. If this search is selected and a keyword is entered, step 274 follows and produces a list of web pages based on the values of X taken from Table 3 (172, FIG. 5) for the keyword 270 entered. These web pages are identified by a unique web-page (URL) number from Table 3. Thereafter, in step 276 the list of web-page numbers found from step 274 is combined with the URL address and web-page description from Table 2 (188 FIG. 5). In step 278 the resulting list of web pages is then tagged, depending on the results of step 246 in FIG. 5 as described previously, and sent to the user for them to make their selections, col. 21, lines 14-27), for collecting monitored data related to said information retrieval activity, and for transmitting said monitored data to said central program code (*i.e. By updating the database with the selections of many different users, the database can be updated to prioritize those web listings that have been selected the most with respect to a given keyword, and hereby presenting first the most popular web page listings in a subsequent search using the same keyword search entry, col. 2, lines 25-36);**

supplementing, at said central computer, said data records in accordance with said monitored data to provide an augmented central database (*i.e. FIG. 7 illustrates the process for*

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determining a list of new web pages associated with the keyword entered in step 290, col. 21, lines 28-41);

responsive to a request for information from at least one user, identifying candidate response information related to said information sources at said central computer (*i.e. FIG. 6 illustrates the process for determining a list of popular web pages associated with the entry of a keyword 270 in step 272* col. 21, lines 14-27);

comparing contents of said augmented central database with said request and with said candidate response information at said central computer (*i.e. The high-flyer list is calculated by comparing the old popular ranking (Y) and the new popular ranking (X) from Table 3. From this the percentage increase in hits is calculated. An alternative method would be to rank the rate of change of popularity by the number of places they rose compared to last time, col. 21, lines 65 to col. 22, line 3); and*

as a result of said identifying and said comparing, transmitting, to said remote program code at least one of said plurality of remote terminals, data concerning one or more of said information sources which contain information relevant to said request so as to progressively tailor information retrieval results for at least one user and provide said information retrieval results to said at least one user (*i.e. FIG. 6 illustrates the process for determining a list of popular web pages associated with the entry of a keyword 270 in step 272. If this search is selected and a keyword is entered, step 274 follows and produces a list of web pages based on the values of X taken from Table 3 (172, FIG. 5) for the keyword 270 entered. These web pages are identified by a unique web-page (URL) number from Table 3. Thereafter, in step 276 the list of web-page numbers found from step 274 is combined with the URL address and web-page*

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description from Table 2 (188 FIG. 5). In step 278 the resulting list of web pages is then tagged, depending on the results of step 246 in FIG. 5 as described previously, and sent to the user for them to make their selections, col. 21, lines 14-27).

As per claim 22, Ryan teaches an information retrieval system for accumulation and retrieval of data related to one or more information sources in a search space, said system comprising:

remote program code at each of a plurality of remote terminals (*i.e. many different users, col. 2, lines 49-56*);

said remote program code being adapted for monitoring user activity of a plurality of users accessing any information source in the search space irrespective of whether a uniform resource locator (URL) accessed in the search space is the same as the URL of said central program code (*i.e. FIG. 6 illustrates the process for determining a list of popular web pages associated with the entry of a keyword 270 in step 272. If this search is selected and a keyword is entered, step 274 follows and produces a list of web pages based on the values of X taken from Table 3 (172, FIG. 5) for the keyword 270 entered. These web pages are identified by a unique web-page (URL) number from Table 3. Thereafter, in step 276 the list of web-page numbers found from step 274 is combined with the URL address and web-page description from Table 2 (188 FIG. 5). In step 278 the resulting list of web pages is then tagged, depending on the results of step 246 in FIG. 5 as described previously, and sent to the user for them to make their selections, col. 21, lines 14-27*), for collecting monitored data related to said user activity and to each of said information sources accessed by said at least one user, and for transmitting said

monitored data (*i.e. By updating the database with the selections of many different users, the database can be updated to prioritize those web listings that have been selected the most with respect to a given keyword, and hereby presenting first the most popular web page listings in a subsequent search using the same keyword search entry, col. 2, lines 25-36*); and

a central computer having central program code receiving said monitored data transmitted from said remote program code (*i.e. FIG. 7 illustrates the process for determining a list of new web pages associated with the keyword entered in step 290, col. 21, lines 28-41*);

said central program code being adapted for maintaining a central database of data records, for accessing information related to said information sources, and for comparing said data records with said information related to said information sources (*i.e. By updating the database with the selections of many different users, the database can be updated to prioritize those web listings that have been selected the most with respect to a given keyword, and hereby presenting first the most popular web page listings in a subsequent search using the same keyword search entry, col. 2, lines 25-36*);

wherein said central program code supplements said data records in accordance with said monitored data to provide an augmented central database (*i.e. FIG. 7 illustrates the process for determining a list of new web pages associated with the keyword entered in step 290, col. 21, lines 28-41*);

said central computer identifying candidate response information related to said information sources in response to a request for information from said at least one user, comparing contents of said augmented central database with said request and with said candidate response information, and transmitting, to said remote program code at at least one of said

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plurality of remote terminals, data concerning one or more of said information sources which contain information relevant to said request so as to progressively tailor information retrieval results for at least one user and provide said information retrieval results to said at least one user (*i.e.* FIG. 6 illustrates the process for determining a list of popular web pages associated with the entry of a keyword 270 in step 272. If this search is selected and a keyword is entered, step 274 follows and produces a list of web pages based on the values of *X* taken from Table 3 (172, FIG. 5) for the keyword 270 entered. These web pages are identified by a unique web-page(URL) number from Table 3. Thereafter, in step 276 the list of web-page numbers found from step 274 is combined with the URL address and web-page description from Table 2 (188 FIG. 5). In step 278 the resulting list of web pages is then tagged, depending on the results of step 246 in FIG. 5 as described previously, and sent to the user for them to make their selections, col. 21, lines 14-27).

As to **claims 7, 13**, Ryan teaches said monitored data comprise implicit data, including data selected from the group consisting of queries and actions taken after receiving responses to said queries, said implicit data being added iteratively to said central database to form said augmented central database so as to progressively tailor information retrieval results (*i.e.* The HTTP link associated with the "www.weather.com" label is "http://www.weather.com". This means that if the user selects this link, they will navigate to this page directly, col. 10, lines 15-17) for said at least one user based on said implicit data (*i.e.* Thus, the search results page according to the present invention is therefore differently formatted from conventional search engines' results pages. The difference is in action rather than content. Visually, the page looks

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the same to the user as standard search results from other search engines. An example illustrates this point: In a conventional search the results page for a search of the keyword "Weather" may read: 1. www.weather.com Today's weather forecast. Today is expected to be fine ad sunny everywhere, col. 10, lines 7-14).

As to claims 8, 9, 14, 15, Ryan teaches said monitored data comprise explicit data, including user input in response to one or more queries from said central computer, said user input including data selected form the group consisting of user profile information and user feedback concerning information retrieval results (*i.e. The HTTP link associated with the "www.weather.com" label is "http://www.weather.com". This means that if the user selects this link, they will navigate to this page directly, col. 10, lines 15-17*) said explicit data being added iteratively to said central database to form said augmented central database so as to progressively tailor information retrieval results for said at least one user based on said explicit data (*i.e. Thus, the search results page according to the present invention is therefore differently formatted from conventional search engines' results pages. The difference is in action rather than content. Visually, the page looks the same to the user as standard search results from other search engines. An example illustrates this point: In a conventional search the results page for a search of the keyword "Weather" may read: 1. www.weather.com Today's weather forecast. Today is expected to be fine ad sunny everywhere, col. 10, lines 7-14).*

As to claims 10, 16, Ryan teaches said remote program code is adapted for monitoring user activity of a plurality of users at a respective plurality of remote terminals, for collecting

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said monitored data related to said user activity and to one of said information sources accessed by each of said plurality of remote terminals (*i.e. The HTTP link associated with the "www.weather.com" label is "http://www.weather.com". This means that if the user selects this link, they will navigate to this page directly, col. 10, lines 15-17*), and for transmitting said monitored to said central program code (*i.e. Thus, the search results page according to the present invention is therefore differently formatted from conventional search engines' results pages. The difference is in action rather than content. Visually, the page looks the same to the user as standard search results from other search engines. An example illustrates this point: In a conventional search the results page for a search of the keyword "Weather" may read: 1. www.weather.com Today's weather forecast. Today is expected to be fine ad sunny everywhere, col. 10, lines 7-14*);

said supplementing comprises supplementing said data records based on said user activity at said plurality of remote terminals to provide said augmented central database (*i.e. The HTTP link associated with the "www.weather.com" label is "http://www.weather.com". This means that if the user selects this link, they will navigate to this page directly, col. 10, lines 15-17*); and

said transmitting to said remoter program code comprises progressively tailoring said information retrieval results for said at least one user based on said user activity at said plurality of remote terminals (*i.e. Thus, the search results page according to the present invention is therefore differently formatted from conventional search engines' results pages. The difference is in action rather than content. Visually, the page looks the same to the user as standard search results from other search engines. An example illustrates this point: In a conventional search the*

results page for a search of the keyword "Weather" may read: 1. www.weather.com Today's weather forecast. Today is expected to be fine ad sunny everywhere, col. 10, lines 7-14).

As to **claims 11, 17**, Ryan teaches said monitored data includes a plurality of user profiles, and wherein said central computer groups contents of said augmented central database based on said plurality of user profiles so as to tailor said information retrieval results for said at least one user based on ones of said plurality of user profiles most closely matching a user profile of said at least one user (*i.e. The process of selecting a tagged web-page creates the following series of data which is used to update the search engine data sets; keyword 124, URL 126, user ID 128, IP address 130, date-time 132, brief web page description 134, col. 8, lines 41-65).*

As to **claims 12, 18**, Ryan teaches said information retrieval results include an identity of at least one other user with whom said at least one user then can communicate to obtain further information (*i.e. The process of selecting a tagged web-page creates the following series of data which is used to update the search engine data sets; keyword 124, URL 126, user ID 128, IP address 130, date-time 132, brief web page description 134, col. 8, lines 41-65).*

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

6. Claims 19, 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ryan et al. (US Patent No. 6,421,675), in view of Cameron et al. (US Patent No. 6,202,062).

As to claims 19, 20, Ryan does not specifically teach said search space comprises the Internet, and media programming comprising at least one of television programming and radio programming, so that at least one user can access said media programming as a result of said information retrieval results.

Cameron teaches said search space comprises the Internet, and media programming comprising at least one of television programming and radio programming, so that at least one user can access said media programming as a result of said information retrieval results (*i.e.* *Consumers will be able to gain access to services from devices such as their televisions 1740, col. 42, lines 7-27*)

It would have been obvious to one of ordinary skill of the art having the teaching of Ryan and Cameron at the time the invention was made to modify the system of Ryan to include the limitations as taught by Cameron. One of ordinary skill in the art would be motivated to make this combination in order to able to offer customized, personalized services to consumers in view of Cameron, as doing so would give the added benefit of providing the abilities to assist users in obtaining information from an article of interest and utilize the information to take users directed

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action based on the information from the target article, as taught by Cameron (*col. 1, line 59 to col. 2, line 8*).

Response to Arguments

7. Applicant's arguments regarding Perkins does not suggest the newly amended limitation "at least one user accessing any information source in the search space irrespective of whether a uniform resource locator (URL) accessed in the search space is the same as the URL of said central program code" with respect to claims 1, 2, 7-22 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

8. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Miranda Le whose telephone number is (571) 272-4112. The examiner can normally be reached on Monday through Friday from 8:30 AM to 5:00 PM.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John R. Cottingham, can be reached on (571) 272-7079. The fax number to this Art Unit is 571-273-8300.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-3900.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Miranda Le
October 09, 2007



JOHN COTTINGHAM
SUPERVISORY PATENT EXAMINER
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